Claims

1. A method for inserting a tube (2) into a borehole (1) of a bored well in the ground, comprising successively adding a tube part (8) to a proximal end (10) of the tube (2) while the tube (2) reaches into the borehole (1), and subsequently inserting the tube (2) further into the borehole (1), **characterized in that** the addition of the tube part (8) is carried out by means of welding.

2. A method according to claim 1, wherein during the addition of a tube part, a joint is formed of a thickness substantially equal to the thickness of adjacent tube parts.

3. A method according to claim 1 or 2, wherein the welding is carried out at a position spaced away from the borehole (1).

4. A method according to any one of the preceding claims, wherein the welding takes place in a screened space (12).

5. A method according to any one of the preceding claims, wherein during welding the next tube part (8) is out of alignment with a proximal portion of the borehole (1).

6. A method according to claim 5, wherein during welding the next tube part (8) is oriented at an angle with respect to a proximal portion of the borehole (1).

7. A method according to claim 6, wherein during welding the next tube part (8) is oriented horizontally.

8. A method according to any one of the preceding claims, wherein tube parts (8) after addition follow a preceding tube part (8) to the borehole (1) along a curved path.

9. A method according to claim 8, wherein said tube parts proceeding along said curved path are bent and thereby are deformed exclusively elastically.

10. A method according to any one of the preceding claims, wherein the borehole (1) in the area of a well head (13) is held sealed against the tube (2) and wherein an overpressure prevails under the sealing.

11. A method according to any one of the preceding claims, wherein the tube parts (8) which are added to the tube (2) reaching into the borehole (1) have a length smaller than 20 m.

12. A method according to any one of the preceding claims, wherein the tube parts (8) which are added to the tube (2) reaching into the borehole (1) are straight.

13. A method according to any one of the preceding claims, wherein the tube (2) reaching into the borehole (1), during the addition thereto of a tube part (8), is held internally sealed in an area which, viewed in the longitudinal direction of the tube (2), is located between an area where the tube part (8) to be added is welded to the tube (2), and the borehole (1).

14. A method according to any one of claims 11-13, wherein after the addition of a tube part (8), a tool (17) in an area where the added tube part (8) is welded to the tube (2) is operated by a structure (18) extending via the proximal end (10) to the area where the added tube part (8) is welded to the tube (2).

15. A method according to claim 14, wherein said tool (17) performs a reaming operation in the area where the added tube part (8) is welded to the tube (2), for making an inner wall surface of the tube (2) smoother.

16. A method according to claim 13 and claim 14 or 15, wherein said tool (17) engages said internal barrier (19) in the tube (2) and axially displaces said barrier (19) through said tube (2) at least after the addition of a tube part (8).

17. A method according to claim 16, wherein the axial displacement of said barrier (19) through said tube (2) after the addition of a tube part (8) occurs prior to the addition of a next tube part (8).

18. An installation for inserting a tube (2) into a borehole (1) of a bored well in the ground, comprising a well head (13), means (3) for inserting a tube (2) into the well head (13), and means (6) for adding a tube part (8) to a tube (2) extending into the well head (13), **characterized in that** the means for adding a tube part (8) to a tube (2) extending into the well head are designed as a welding device (6).

19. An installation according to claim 18, wherein the welding device (6) is arranged for forming a welded joint, with the thickness of the tube in the area of the joint being substantially equal to the thickness in adjacent areas of the tube.

20. An installation according to claim 18 or 19, wherein the welding device (6) is spaced away from the well head (13).

21. An installation according to any one of claims 18-20, wherein the welding device (6) comprises a screening (14) which surrounds the welding device (6).

22. An installation according to any one of claims 18-21, wherein the welding device (6) comprises a passage (15) for receiving, during welding, the tube part (8) to be added, said passage (15) being located out of alignment with a proximal portion of the borehole (1).

23. An installation according to claim 22, wherein said passage (15) is oriented at an angle with respect to a proximal portion of the borehole (1).

24. An installation according to claim 23, wherein said passage (15) is oriented horizontally.

25. An installation according to any one of claims 18-24, further comprising a guide (4, 5) adapted for successively passing tube parts, after addition, along a curved path to the borehole (1).

26. An installation according to any one of claims 18-25, further comprising a sealing (16) for sealing the well head (13) against the tube (2) for preventing egress of fluid along the tube (2) out of the borehole (1).

27. An installation according to any one of claims 18-25, further comprising a barrier (19) for internally axially sealing-off the tube (2) reaching into the borehole (1), during the addition thereto of a tube part (8).

28. An installation according to any one of claims 18-27, further comprising a tool (17) for performing operations in an area where the added tube part (8) is welded to the tube (2) and an elongate operating structure (18) for operating said tool via the proximal end (10) in the area where the added tube part (8) is welded to the tube (2).

29. An installation according to claim 28, wherein said tool (17) is a reamer for reaming an inner wall surface of said tube (2) in the area where the added tube part (8) is welded to the tube (2).

30. An installation according to claim 27 and claim 28 or 29, wherein said tool (17) is adapted for engaging said internal barrier (19) in the tube (2) and for axially displacing said barrier (19) through said tube (2).